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XRAM Acc No: C00-109001

Rubber composition comprising isobutylene block copolymer and butyl rubber, useful as wire insulating compound, material for preparation of

interior trims, exterior trim parts, and domestic appliance parts

Patent Assignee: KANEKA CORP (KANF)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000119478	A	20000425	JP 98289674	A	19981012	200031 B

Priority Applications (No Type Date): JP 98289674 A 19981012

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000119478	A	9		C08L-053/00	

Abstract (Basic): JP 2000119478 A

NOVELTY - A rubber composition (I) comprising:

(A) isobutylene block copolymer composed of (A1) polymer block mainly composed of isobutylene unit and (A2) polymer block not containing isobutylene block 100 parts by weight ; and

(B) butylrubber 5-230 parts by weight.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a rubber composition (II) comprising (A)100 parts by weight, (B) 5-230 parts by weight and one or more of (C) filler, (D) antioxidant or (E) UV-light absorber.

USE - (I) and (II) are useful as wire insulating compound, building

material, civil engineering material, molding material for preparation

of exterior trim parts, interior trims, electrical and electronic instrument parts, domestic appliance parts, medical apparatuses, etc.

ADVANTAGE - (I) and (II) have good flexibility, mechanical properties, moldability, fabricability, barrier properties toward gas

and steam, (I) and (II) have good compatibility with plasticizer. pp; 9 DwgNo 0/0

Technology Focus:

TECHNOLOGY FOCUS - POLYMERS - Preferred (A): composed of (A1) 50-95

wt% and (A2) (preferably aromatic vinyl polymer) 50-5 wt%; more preferable (A) is starlike polymer having arms composed of triblock copolymer of aromatic vinyl polymer block-isobutylene polymer block-aromatic vinyl polymer block etc or diblock copolymer of aromatic

vinyl polymer block-isobutylene polymer block (claimed).

Preferred (B): one or more of butyl rubber, chlorinated butyl rubber or brominated butyl rubber, Mn of (B) is 50,000 (optimally

100,000) or more (claimed).

Title Terms: RUBBER; COMPOSITION; COMPRISE; ISOBUTYLENE; BLOCK; COPOLYMER; BUTYL; RUBBER; USEFUL; WIRE; INSULATE; COMPOUND; MATERIAL; PREPARATION; INTERIOR; TRIM; EXTERIOR; TRIM; PART; DOMESTIC; APPLIANCE; PART

Derwent Class: A12; A17; A85; A95

International Patent Class (Main): C08L-053/00

International Patent Class (Additional): C08K-003/00; C08L-023/22; C08L-023/28

File Segment: CPI

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Polymer Indexing (PS):

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001 018; R00966 G0055 G0044 G0033 G0022 D01 D02 D12 D10 D51 D53 D58 D84 ; H0011-R; H0044-R H0011; H0124-R; K9449; P1150

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005 018; A999 A544 A486; K9869 K9847 K9790

006 018; A999 A497 A486

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004 018; C1 7A; H0157

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